

IN THE CLAIMS

Cancel claims 1-10 without prejudice or disclaimer; and add new claims 11-18 as set forth below:

11. (New) A head setter for using living body measurement by light, said head setter to be put on a living body comprising:

an optical fiber holder provided with at least a pair of optical fibers, one for irradiation and the other for detection; and

a flexible resin part provided with a guide that enables said optical fiber holder to move in a specific direction;

wherein said optical fiber holder is detachably provided on the guide of said flexible resin part.

12. (New) A head setter according to claim 11, wherein said flexible resin part has a stopper part that prevents said flexible resin part from deforming, whereby said optical fiber holder can be placed at any spot on the living body.

13. (New) A head setter for using living body measurement by light, said head setter having a shape to be put on a living body comprising:

a main body comprised of a flexible resin part, and equipped with an optical fiber holder, a stopper and a joint;

said optical fiber holder provided for holding at least a pair of optical fibers, one for irradiation and the other for light detection;

said flexible resin part provided with a guide that enables said optical fiber holder to move in a specific direction; and

said stopper and said joint fixed on said main body for disposing said optical fiber holder at any position between said stopper and said joint,

wherein said optical fiber holder is detachably provided on the guide of said flexible resin part.

14. (New) A head setter according to claim 13, wherein said optical fiber holder is provided with at least a pair of optical fibers, one for irradiation connected to a light

irradiator and the other for detection connected to a light detector.

15. (New) A head setter for using living body measurement by light, comprising:

a main body comprised of a flexible resin part and shaped with a semicircular portion to be put on a living body;

an optical fiber holder provided on said main body, for holding at least a pair of optical fibers, one for irradiation and the other for light detection;

said flexible resin part provided with a guide that enables said optical fiber holder to move in a specific direction; and

a stopper provided on said main body, for restricting the movement of said optical fiber holder on the guide of said flexible resin part,

wherein said optical fiber holder is detachable provided on the guide of said flexible resin part, and

wherein said stopper is fixed on a position shifted from the center position of the semicircular portion of said main body.

16. (New) A head setter according to claim 15, wherein said optical fiber holder is provided with at least a pair of optical fibers, one for irradiation connected to a light irradiator and the other for detection connected to a light detector.

17. (New) An optical measurement system by light, comprising:

a light irradiator for irradiating a living body of a subject with light; and

a light detector for detecting the light that has been emitted from said light irradiator and which has propagated through the living body,

wherein said light irradiator and said light detector are installed in a head setter to be placed on the living body, said head setter having an optical fiber holder provided with at least a pair of optical fibers, one for irradiation and the other for detection, and a flexible resin part provided with a guide that enables said optical fiber holder to move in a specific direction, said optical fiber

holder being detachable provided on the guide of said flexible resin part.

18. (New) An optical measurement system by light, comprising:

a light irradiator for irradiating a living body of a subject with light; and

a light detector for detecting the light that has been emitted from said light irradiator and which has propagated through the living body,

wherein said light irradiator and said light detector are installed in a head setter to be placed on the living body, said head setter having a main body comprised of a flexible resin part and shaped with a semicircular portion to be put on a living body, an optical fiber holder provided on said main body, for holding at least a pair of optical fibers, one for irradiation and the other for light detection, said flexible resin part being provided with a guide that enables said optical fiber holder to move in a specific direction, said optical fiber holder being detachable provided on the guide of said flexible resin part, and a stopper

provided on a position shifted from the center position of the semicircular portion of said pain body, for restricting the movement of said optical fiber holder on the guide of said flexible resin part.